## **EAST Search History**

| Ref<br># | Hits   | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|--------|---|---|---------------------|---------|------------------|
| S18      | 8058   | ((711/147,148,161,162,165) or<br>(707/202,204) or (714/6,15,20)).<br>CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/07/20 13:18 |
| S19      | 357152 | (redundan\$2 or pair or replicat\$4 or<br>copie\$1 or mirror) with (memory or<br>storage or volume or disk or disc) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/20 13:18 |
| S20      | 56197  | S19 same (heartbeat or (heart adj<br>beat) or signal)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/20 13:18 |
| S21      | 49     | S20 same (remote with (volume or pair or drive or disk) with mirror\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/20 13:28 |
| S22      | 19     | S21 and S18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/20 13:18 |
| S23      | 490066 | (memory or storage or disk or disc)<br>same (redundan\$2 or pair or<br>replicat\$4)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/20 13:28 |
| S24      | 2169   | S23 and (heartbeat or (heart adj beat))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/07/21 10:35 |
| S25      | 12004  | ((711/147,112,114,148,153,161,162,<br>165) or (707/202,204) or (714/6,15,<br>20,47)).CCLS.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2006/07/20 13:28 |

## **EAST Search History**

| S26 | 181 | S24 and S25   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/20 13:28 |
|-----|-----|---|---|----|----|------------------|
| S27 | 112 | ((heartbeat or (heart adj beat)) near3 (group or node or subsystem)).CLM. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 10:37 |
| S28 | 5   | S27 and (disk or disc).CLM.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 10:40 |
| S29 | 2   | S28 and (replicat\$3 or mirror\$3 or RAID).CLM.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 10:39 |